

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM417344

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Lunera Lighting, Inc.		02/21/2017	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Opus Bank		
Street Address:	19900 MacArthur Blvd 12th Floor		
City:	Irvine		
State/Country:	CALIFORNIA		
Postal Code:	92612		
Entity Type:	Commercial Bank: CALIFORNIA		
PROPERTY NUMBERS Total: 4			
Property Type	Number	Word Mark	
Registration Number:	3745418	LUNERA	
Registration Number:	3891094	L LUNERA	
Registration Number:	4271698	THE BRILLANCE OF NATURAL LIGHT	
Serial Number:	87056099	LUNERA	
CORRESPONDENCE DATA			
Fax Number:			
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Email:	jbleskin@schiffhardin.com		
Correspondent Name:	Jennifer Bleskin		
Address Line 1:	233 S Wacker Drive Ste 6600		
Address Line 4:	Chicago, ILLINOIS 60606		
NAME OF SUBMITTER:	Jennifer Bleskin		
SIGNATURE:	/s/ Jennifer Bleskin		
DATE SIGNED:	02/24/2017		
Total Attachments: 6			
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**IP SUPPLEMENT
TO INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This IP SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT (this “**IP Security Agreement**”), dated as of February 21, 2017, is delivered pursuant to and supplements (i) the Amended and Restated General Security Agreement, dated as of February 27, 2015 (said Amended and Restated General Security Agreement, as it may heretofore have been and as it may hereafter be further amended, restated, amended and restated, supplemented or otherwise modified from time to time, being the “**Security Agreement**”), among Lunera Lighting, Inc., a Delaware corporation (the “**Grantor**”), and Opus Bank, a California Commercial Bank (“**Lender**”), and (ii) the Intellectual Property Security Agreement dated as of March 20, 2013 (the “**Grant**”) executed by Grantor. Capitalized terms used herein not otherwise defined herein shall have the meanings ascribed thereto in the Grant.

Grantor grants to Lender a security interest in all of Grantor’s right, title and interest in and to the Patents set forth on Schedule A annexed hereto, including all goodwill associated therewith. All such Patents shall be deemed to be part of the Patents and shall be hereafter subject to each of the terms and conditions of the Security Agreement and the Grant.

Grantor grants to Lender a security interest in all of Grantor’s right, title and interest in and to the Trademarks set forth on Schedule B annexed hereto, including all goodwill associated therewith. All such Trademarks shall be deemed to be part of the Trademarks and shall be hereafter subject to each of the terms and conditions of the Security Agreement and the Grant.

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IN WITNESS WHEREOF, the Grantor has caused this IP Supplement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

Address for Notices:

4935 East Hunter Avenue
Anaheim, California 92807
Attn: Mr. George Sigler, Chief Financial
Officer

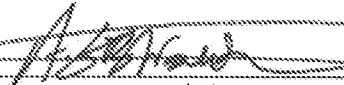
LUNERA LIGHTING, INC., a Delaware
corporation, as a Debtor

By: 
Name: John Bruggeman
Its: Chief Executive Officer

[Signature Page to IP Supplement]

IN WITNESS WHEREOF, the Lender has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

OPUS BANK, as Lender

By: 
Printed Name: Alex E. KARJALAINEN
Its: V.P. *Responsible Manager*

Address for Notices:

19900 MacArthur Boulevard
12th Floor
Irvine, California 92612
Attn: Credit Administration

[Signature Page to IP Supplement]

TRADEMARK
REEL: 005999 FRAME: 0038

**SCHEDULE A
TO
IP SUPPLEMENT**

Title	Patent #	Application #	File date
LED Light Fixture	7,766,536		15-Feb-08
LED Light Fixture	7,914,193		7-Jun-10
LED Light Fixture	7,918,598		7-Jun-10
Optimized Spatial Power Distribution	61/102,490		3-Oct-08
Semi-Direct SSL Light Fixture	61/103,638		8-Oct-08
Cross-fire direct-indirect light fixture	8,740,410		25-Feb-10
EXTRUDED WIDE ANGLE LENS FOR USE WITH A LED LIGHT SOURCE	8,602,604		14-Oct-10
HIGH EFFICIENCY EDGE-LIT LIGHT FIXTURE	12/973,678		20-Dec-10
OFF-AXIS ILLUMINATION LED LUMINAIRE	9,103,953		3-Jan-11
LUMINOUS RETROFITTING DOOR	61/437,647		11-Jan-11
Removable optical component for luminaire	8,608,351		18-Mar-11
Luminaire Providing Wide Angle Up Lighting	8,915,611		15-Apr-11
COLOR COMPENSATION IN LED LUMINAIRES	8,789,970		5-Jul-11
Helen Lamp Patent	9,028,105		2-May-13
Powerhive Patent	9,468,046		20-Jul-13
Metal Halide Patent	9,033,545		19-Aug-13
Edgelit T8 patent		14/201,428	7-Mar-14
Lamp controller Accessory patent		14/147,607	6-Jan-14
Enhanced compatibility circuits		14/304,964	15-Jun-14
Enhanced compatibility circuits	9,468,054		10-Jun-14
Enhanced compatibility circuits	9,468,060		4-Mar-15
CIP to 9,028,105 - expanded scope	9,243,757		9-Dec-13
CIP to 9,028,105 - expanded scope		14/708,293	10-May-15
CIP to 9,033,545 - expanded scope		14/859,368	21-Sep-15
CIP to 14/147,607		14/867,010	28-Sep-15
CIP to 14/300,235		14/637,397	4-Mar-15
CIP to 9,033,945		14/715,171	18-May-15
CIP to 14/147,607		Pending	

CIP to 14/147,607		Pending	
CIP to 285/380		Pending	
CIP to 285/390		Pending	

Title	Patent/Serial #		File date
Accessory Holder for SSL Fixture	D604,894		5-Aug-08
LED Module	D619,109		20-Jan-08
LED Module	D616,383		20-Jan-09
LED Module	D623,149		20-Jan-09
Extrusion for a flat panel LED fixture	D634,063		5-Aug-08
Extrusion for a flat panel LED fixture	D648,062		7-Mar-11
Mounting Plate for SSL Fixture	D598,604		5-Aug-08
Electric Door for LED Panel Fixture	D634,058		5-Aug-08
Lighting Fixture	D730568		27-Mar-12
Helen Horizontal Lamp (Design Patent)	Filed	29512769	12/22/2014
Helen Vertical Lamp (Design Patent)	Filed	29512777	12/22/2014
Susan Lamp (Design Patent)	Filed	29512780	12/23/2014
Horizontal Gen3	Filed	29544761	11/5/2015
Vertical Gen3	Filed	29544765	11/5/2015
Vertical Square Shape	Filed	29544766	11/5/2015
Vertical Round Corners	Filed	29544767	11/5/2015
Susan Gen3 Post-top	Filed		4/19/2016
Susan Gen3 Vertical Long E39	Filed		4/19/2016
Susan Gen3 Vertical Short E39	Filed		4/19/2016
Susan Gen3 Vertical Short E26	Filed		4/19/2016
Susan Gen3 Vertical Very Short E26	Filed		4/19/2016

**SCHEDULE B
TO
IP SUPPLEMENT**

<u>Description</u>	<u>Serial / Registration Number</u>	<u>Application /Registration Date</u>	<u>County</u>
LUNERA	TMA842861 11-Feb-2013	1469221 11-Feb-2010	Canada
LUNERA	5347858 27-Aug-2010	2010011391 17-Feb-2010	Japan
LUNERA	1188351 09-Nov-2010	1076936 24-Mar-2010	Mexico
LUNERA	1174259 18-Aug-2010	1076937 24-Mar-2010	Mexico
LUNERA	1178875 13-Sep-2010	1076938 24-Mar-2010	Mexico
LUNERA	3745418 02-Feb-2010	77/978501 07-Mar-2008	USA
LUNERA		87/056099 01-Jun-2016	USA
LUNERA & Design	3891094 14-Dec-2010	77/819487 03-Sep-2009	USA
THE BRILLIANCE OF NATURAL LIGHT	4271698 08-Jan-2013	85/627340 16-May-2012	USA